

Comparisons of Job Characteristics

Focus Occupation: Dental Assistants (31-9091)

Associated Occupation: Dental Laboratory Technicians (51-9081)

[Compare Knowledge](#)

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| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 62

Focus Occupation: Dental Assistants (31-9091)

Associated Occupation: Dental Laboratory Technicians (51-9081)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|----|--|
| Design | 5.2 | 11.7 | 2.1 | << | Extensive education and/or training may be required |
| Medicine and Dentistry | 3.7 | 11.5 | 15.5 | >> | Current knowledge level is likely more than sufficient |
| Production and Processing | 6.0 | 11.2 | 5.5 | << | Extensive education and/or training may be required |
| Mechanical | 6.8 | 9.9 | 3.8 | << | Extensive education and/or training may be required |
| Chemistry | 4.8 | 7.8 | 4.9 | << | Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 64

Focus Occupation: Dental Assistants (31-9091)

Associated Occupation: Dental Laboratory Technicians (51-9081)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|----|--|
| Quality Control Analysis | 5.9 | 10.1 | 7.0 | << | Extensive development of skills in this area may be required |
| Operation and Control | 5.4 | 8.3 | 4.8 | << | Extensive development of skills in this area may be required |
| Equipment Selection | 3.3 | 5.9 | 3.6 | << | Extensive development of skills in this area may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Abilities | | Similarity of Focus Occupation to Associated Occupation: 81 | | | |
|---|---------------------------------|---|---------------------------|--------------------------------|--|
| Focus Occupation: Dental Assistants (31-9091) Associated Occupation: Dental Laboratory Technicians (51-9081) | | | | | |
| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
| Near Vision | 11.1 | 14.2 | 10.6 | << | Extensive improvement in abilities may be required |
| Finger Dexterity | 7.6 | 14.1 | 9.6 | << | Extensive improvement in abilities may be required |
| Control Precision | 6.6 | 12.6 | 9.0 | << | Extensive improvement in abilities may be required |
| Arm-Hand Steadiness | 6.8 | 12.0 | 10.2 | < | Some improvement in abilities may be required |
| Visualization | 7.5 | 10.7 | 6.4 | << | Extensive improvement in abilities may be required |
| Wrist-Finger Speed | 3.2 | 5.4 | 4.8 | < | Some improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

| Tools and Technologies that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: 84 |
|---|-------------|---|
| Focus Occupation: Dental Assistants (31-9091) Associated Occupation: Dental Laboratory Technicians (51-9081) | | |
| Tools and Technologies | Exclusivity | |
| Autoclave and sterilizer equipment and accessories | 12 | |
| Business function specific software | 1 | |
| Compressors | 9 | |
| Computers | 1 | |
| Content authoring and editing software | 1 | |
| Cosmetic dentistry equipment and supplies | 56 | |
| Dental and subspecialty instruments and devices | 37 | |
| Dental fillers and finishing and polishing supplies | 47 | |
| Dental impression and forming equipment and supplies | 56 | |
| Dental laboratory and sterilization equipment and supplies | 62 | |
| Dental lasers and illumination and fiber optic equipment and supplies | 62 | |
| Dental materials | 70 | |
| Finance accounting and enterprise resource planning ERP software | 2 | |
| Information exchange software | 1 | |

| | |
|--|----|
| Network applications software | 1 |
| Orthodontic and prosthodontic equipment and supplies | 62 |
| Presterilization cleaning equipment and solutions | 24 |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.